

Message Text

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FM AMEMBASSY BUCHAREST

TO USDOC WASHDC

INFO SECSTATE WASHDC 3096

AMEMBASSY VIENNA

UNCLAS BUCHAREST 2617

FOR BEWT

E.O. 11652: N/A

TAGS: BEXP, ENRG, RO

SUBJECT: COAL MINING TECHNOLOGY AND EQUIPMENT FOR ROMANIA

REF: BUCHAREST 5390, NOV. 21, 1974

1. SHORTLY AFTER THE VISIT OF THE MINING EQUIPMENT, TECHNOLOGY AND SERVICES TRADE MISSION TO BUCHAREST, AMBASSADOR AND ECONOMIC COUNSELOR VISITED COAL CENTRAL IN PETROSANI. FOLLOWING THEIR VISIT, CENTRAL FORWARDED FOLLOWING LIST OF TECHNOLOGICAL AND EQUIPMENT PROBLEMS FOR WHICH THEY WOULD LIKE TO FIND SOLUTIONS (REFTEL MAY PROVIDE FURTHER BACKGROUND). WITH THE EXCEPTION OF VULCANIZERS, EMBASSY BELIEVES MISSION HAD AMPLE OPPORTUNITY TO DISCUSS OPEN-PIT MINING EQUIPMENT LISTED PARA E BELOW WITH FTO'S. WE ARE NOT SURE, HOWEVER, THAT UNDERGROUND COAL MINING TECHNIQUES AND EQUIPMENT LISTED PARAS A THROUGH D WAS AVAILABLE THROUGH MISSION MEMBERS, OR THAT DISCUSSIONS HERE WERE DIRECTED TOWARD THEM. MISSION DIRECTOR JAMES ELLIS (BEWT/EEAD) MAY HAVE SUGGESTIONS.

A. WORKING STOPES WITH LONG FRONTS UNDER FALSE CEILINGS USING MECHANIZED SUPPORTS APPROPRIATE FOR THICK BEDS.

B. MECHANIZATION OF LONG-STOPE MINING, BY USING MECHANIZED CUTTING AND LOADING AT COAL BEDS WITH NON-HOMOGENEOUS
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ROCKS AND UNUSUAL TECTONIC DIFFICULTIES:

- DRUM SHEARERS

- SHEARER WITH CONVEYER FOR HORIZONTAL AND INCLINED
COAL STRATA

- MINING DRILL CARRIAGES

- MINING PLOUGHS

- ARMORED CONVEYERS

- HIGH PRESSURE INJECTION PUMPS

C. MECHANIZED CUTTING AND DRILLING IN MINING ROOMS:

- ROOM SHEARERS

- DRILL CARRIAGES

D. HARD ROCK DRIFTING:

- SHEARERS FOR CUTTING AT SPECIFIC POINTS

- ENTRY DRIFTING MACHINES FOR CUTTING WHOLE SECTIONS

- LOADING MACHINES

- DRILL CARRIAGES

- RELOADING BELTS

E. OPEN-PIT MINING WITH HIGH PRODUCTIVITY:

- . EXCAVATORS WITH ROTORS

- SCOOP SHOVELS; DUMPERS; AUTOCRANES; VULCANIZERS

2. PLEASE CONTACT APPROPRIATE FIRMS AND RECOMMEND THAT
THEY FORWARD TWO COPIES OF RELEVANT CATALOGS OR OTHER
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DESCRIPTIVE MATERIAL TO EMBASSY, ATTN: COMMERCIAL ATTACHE,
FOR FORWARDING TO CENTRAL AND TO FTO. MATERIALS SUPPLIED BY
MISSION MEMBERS HAVE ALREADY BEEN FORWARDED, BUT IF THEY
HAVE ADDITIONAL MATERIALS SPECIFICALLY FOR COAL MINING WE
WOULD LIKE TO FORWARD THEM. GOR'S HIGH PRIORITY FOR ROMANIAN
SELF-SUFFICIENCY IN RAW MATERIALS SHOULD HELP CENTRAL OBTAIN
SPECIALIZED EQUIPMENT THROUGH FTO'S IF IT FITS THEIR NEEDS.
SCISSORS

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